

**RIKEN Clone ID : TEx03D06 (PC011580-41)**

Lot# : 6078\_A8Ao

Vector : pET-11a

Locus tag	TTHA1580
Insert size	660 bp
Product	transcriptional regulator, GntR family

● Plasmid DNA purification

Date : 180124

Culture : LB (100 ug/ml Ampicillin) 10 ml -> 37°C O/N

Date : 180125

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180125

DNA concentration (O.D.): 51 ng/ul

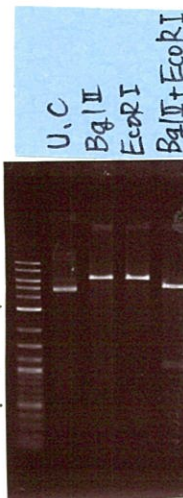
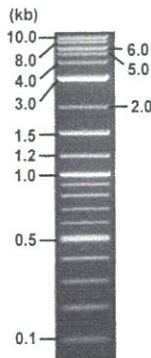
DNA	<u>1.9</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH <sub>2</sub> O	<u>6.1</u> ul
<b>Total</b>	<b>10</b> ul

< Size of fragment expected from this clone >

BglII	6.3 kb
EcoRI	6.3 kb
BglII + EcoRI	5.2, 1.1 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180131

DNA ( <u>51</u> ng/ul )	<u>25.0</u> ul
10x TE	<u>5.1</u> ul
dH <sub>2</sub> O	<u>20.9</u> ul
<b>Total</b>	<b>51.0</b> ul

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc : ng/μl, Volume : μl~~

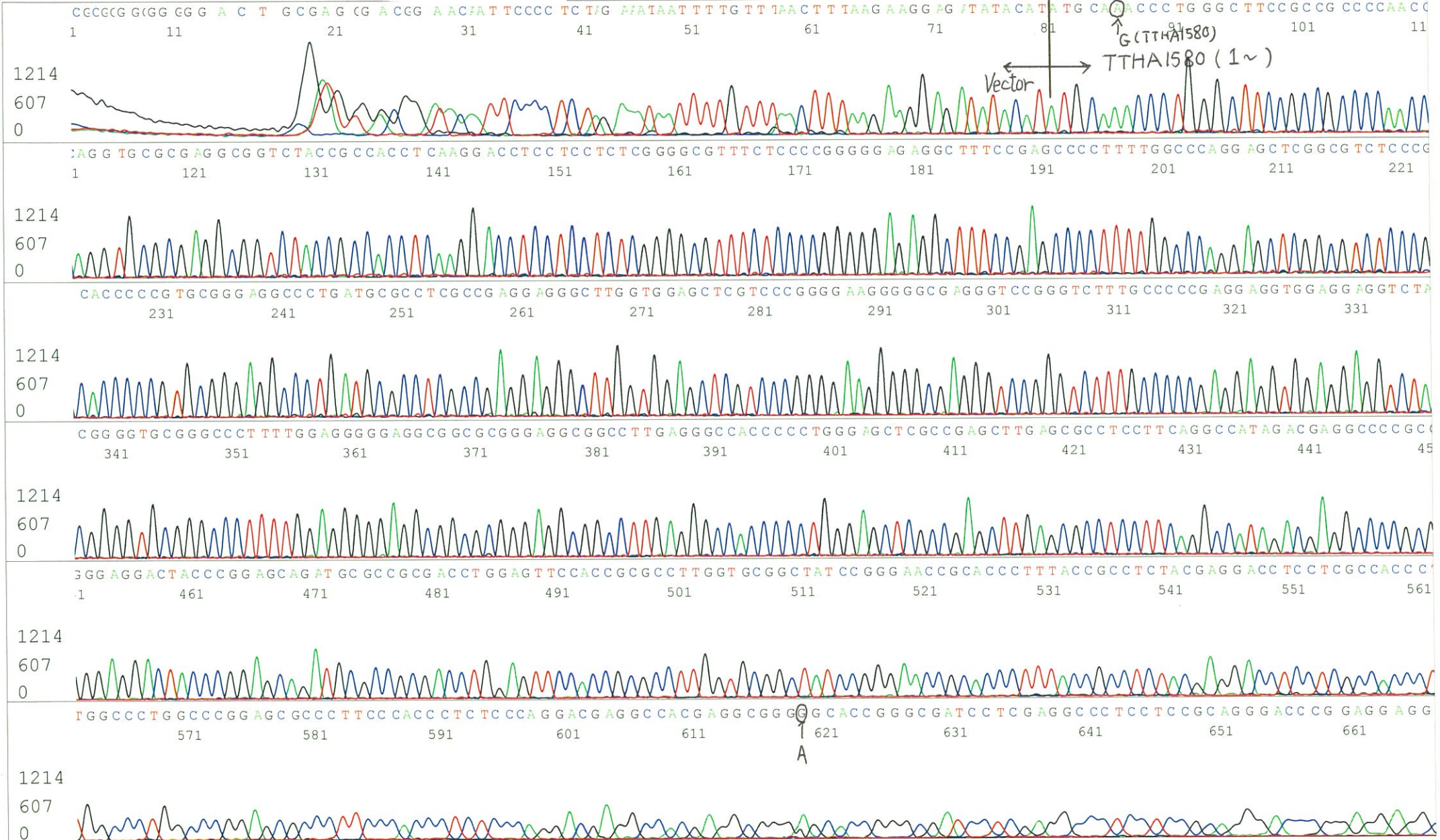
APPROVED BY :



S/N G:73 A:76 T:58 C:138  
KB.bcp  
KB 1.4.1.8 Cap:14

Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:102 A:111 T:100 C:252  
KB.bcp  
KB 1.4.1.8 Cap:17

Primer B : T7 terminator  
5' GCTAGTTATTGCTCAGCGG 3'

